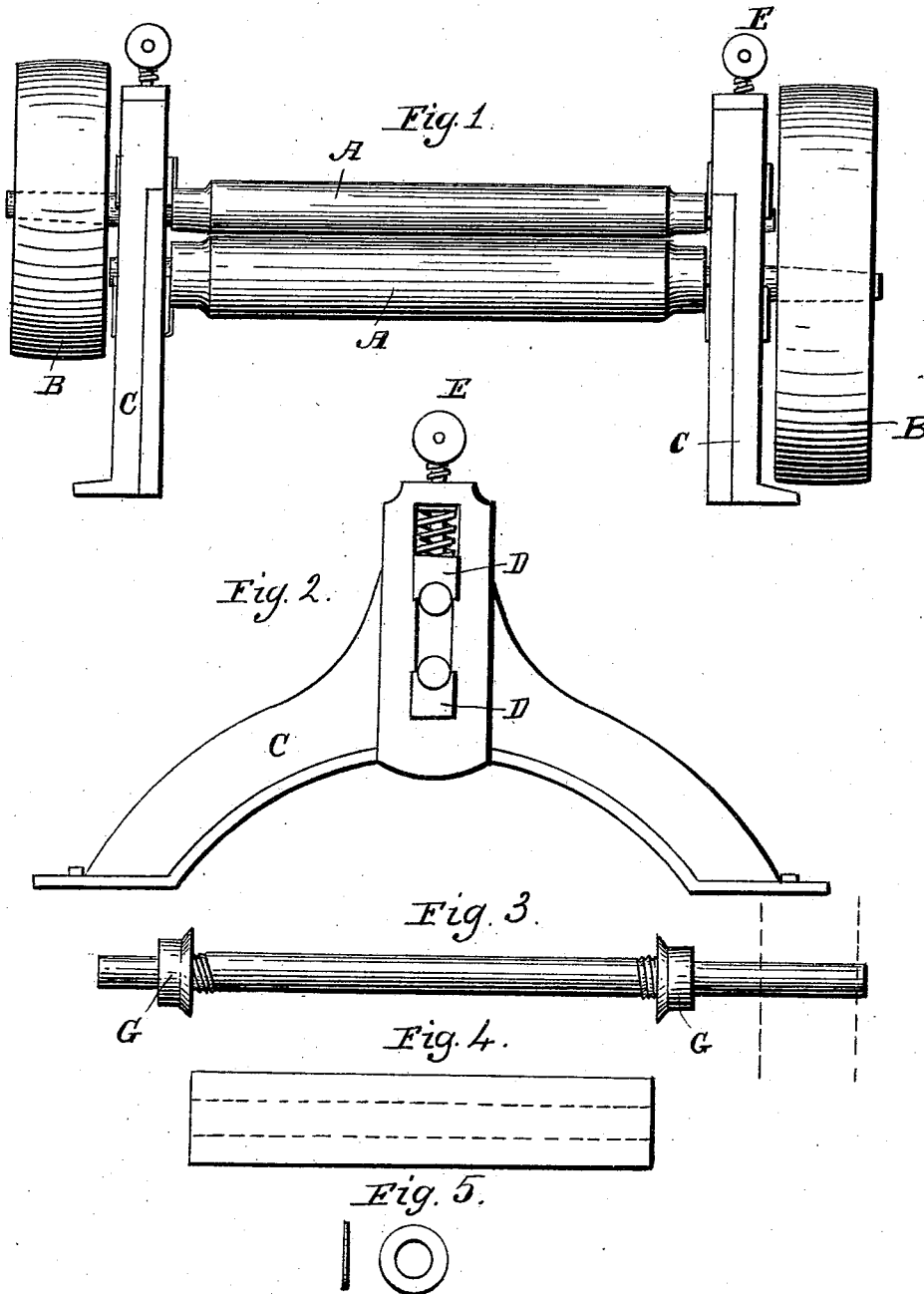


L. H. MOSELEY.

Cotton Gin.

No. 486.

Patented Nov. 25, 1837.



UNITED STATES PATENT OFFICE.

LUCILIUS H. MOSELEY, OF POUGHKEEPSIE, NEW YORK.

IMPROVEMENT IN MACHINES FOR GINNING COTTON.

Specification forming part of Letters Patent No. 486, dated November 25, 1837.

To all whom it may concern:

Be it known that I, LUCILIUS H. MOSELEY, of Poughkeepsie, in the county of Dutchess and State of New York, have invented a new and useful Improvement in the Machine for Ginning Cotton; and I do hereby declare that the following is a full and exact description.

Figure 1 in the accompanying drawings is a view of the rollers, pulleys, and stands. A A are the two horizontal rollers, the top roller being formed in the following manner: The shaft is formed with two nuts, G G, Fig. 3. On the shaft is affixed layers of paper, formed as shown at Fig. 5, the whole space between the nuts G G being filled up with paper and compressed together by set-nuts, thereby forming a hard and durable surface. The bottom roller, Fig. 1, is formed in like manner as the top roller, except in the lieu of the paper I use stone or burned clay, (having the properties of hard earthen,) being made in the form of a cylinder, as shown in Fig. 4, which is fitted on the shaft between the nuts G G. Other substances similar may be substituted for making the

rollers. The rollers may be made to revolve by means of pulleys B B, or in any other convenient way. They are supported in their position by stands C C C, having boxes D D fitted therein, the upper boxes being at liberty to rise and fall in the grooves of stands C C C, a spiral spring, F, being placed within the stand resting on the upper box, which is compressed more or less by screw E E, which produces any degree of pressure desired upon the rollers when the cotton is passing through. Other kinds of screws or weights may be used to compress the rollers.

Fig. 2 is an end view of stand, showing the boxes D D, the end of rollers A A, the spiral spring F, and the screw E E.

What I claim as new, and desire to secure by Letters Patent, is—

The application of paper, stone, and burned clay for the rollers.

LUCILIUS H. MOSELEY.

Witnesses:

JAMES P. BLAKE,
JOHN H. BROWN.